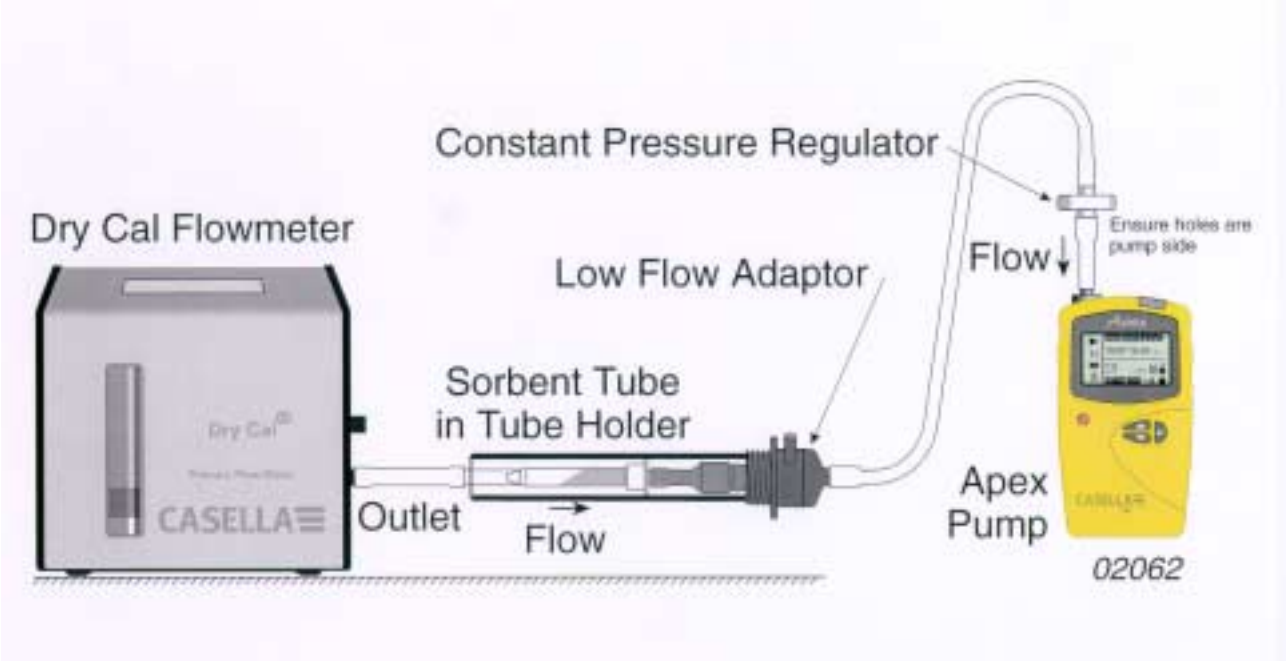
Part number P109032

Operating Instructions for the Low Flow Adaptor with Apex Pumps.

Set the flow rate on the Apex to 1.5-2.0 Litres/ minute.

Ensure calibration is set at this required flow rate by attaching to a rotameter or digital flow meter.

Connect the pump to the CPC and low flow adaptor assembly (P109032) as indicated in the attached diagram, and break the ends off a sorbent tube of the same type as the one to be used for the sampling procedure. Ensure that the cpc is the correct way round, with the holes on the pump side of the unit. Attach this with extra tubing to the rotameter/ flow control device.



Please note the attachment may also be made to a dry flow meter or burette in the same manner. (Here a stopwatch will be required to measure the time to sample a specific volume.)

Switch the Apex on and then adjust the small adjustment screw in the low flow adaptor until the required flow rate is reached on the rotameter.

(Most sampling tubes operate in the range 5-100ml/min.)

DO NOT adjust the screw right in clockwise as this will restrict the flow completely.

When flow is set, remove and replace the sorbent tube with another to be used for the actual sampling procedure.

Ensure the sampler is worn within the breathing zone (within 30cms of the mouth).